



Minnesota Ag News – Crop Weather

USDA, NASS, Minnesota Field Office
P.O. Box 7068 – St. Paul, MN 55107
(651) 201-6030 · (651) 201-6479 FAX

Email: nass-mn@nass.usda.gov - Homepage: <http://www.nass.usda.gov>

Released: May 10, 2010

Issue No: CW-18-10

COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN, MN

UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, USDA-NRCS, and Local FACs

FIELDWORK SLOWED BY RAINS

Scattered rains throughout the week ending May 9 slowed fieldwork, according to the USDA, NASS, Minnesota Field Office. Temperatures cooled after warmer than average conditions over much of the last two months and fell, in some areas, below freezing over the weekend. The average temperature was 45.8°, 6.6° below normal. Statewide 3.7 days were rated suitable for fieldwork, compared to 4.7 days in the previous reporting period.

Corn planting was nearly complete at 94 percent, compared to 87 percent last week and 64 percent for the five-year average. Thirty-two percent of corn was emerged. Soybean planting advanced to 40 percent, 15 percentage points ahead of last year and 23 points ahead of average. Spring wheat was 87 percent emerged, 77 points ahead of last year and 68 points ahead of average. Oats and barley continued ahead of their averages and were 81 and 85 percent emerged, respectively. Spring wheat and barley condition was rated 94 and 93 percent good to excellent, respectively, while oat condition was rated 84 percent good to excellent. Pasture condition was rated 63 percent good to excellent.

Rains restored topsoil moisture supplies with 84 percent rated adequate to surplus compared to 76 percent in the previous reporting period. Rainfall amounts were highest in the northwest portion of the state where precipitation averaged over an inch. The southwest received the lowest average precipitation level of .37 inches.

Days Suitable for Fieldwork: 3.7

	Very Short	Short	Adequate	Surplus
	-----	-----	-----	-----
	Percent			
Topsoil Moisture	6	10	75	9

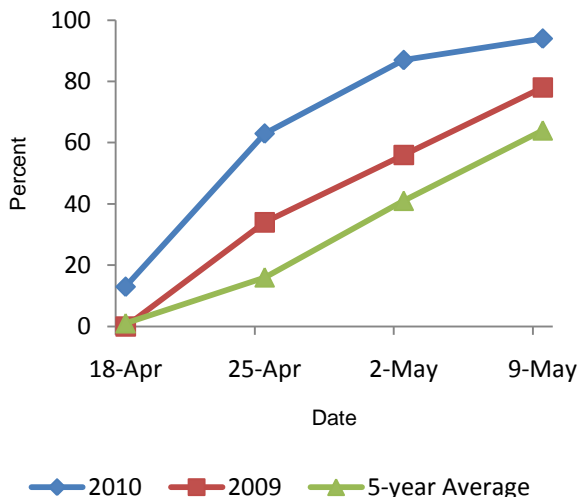
Crop Progress as of May 9, 2010

Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		-----	-----	-----	-----
		Percent			
Corn	Planted	94	87	78	64
Corn	Emerged	32	9	10	9
Soybeans	Land Prepared	66	47	44	30
Soybeans	Planted	40	19	25	17
Soybeans	Emerged	1	0	0	0
Spring Wheat	Planted	98	98	23	60
Spring Wheat	Emerged	87	67	10	19
Barley	Planted	98	97	28	57
Barley	Emerged	85	64	13	17
Barley	Jointing	1	0	0	0
Oats	Planted	98	96	78	76
Oats	Emerged	81	60	43	39
Oats	Jointing	3	1	0	0
Potatoes	Planted	76	76	66	61
Green Peas	Planted	81	65	66	53
Sunflowers	Planted	26	25	0	8
Canola	Planted	86	86	3	17
Dry Beans	Planted	3	1	3	5
Sweet Corn	Planted	29	18	25	18
Alfalfa	First Cutting	1	0	0	0

Condition as of May 9, 2010

	Very Poor	Poor	Fair	Good	Exc
	-----	-----	-----	-----	-----
	Percent				
Pasture	5	3	29	53	10
Oats	0	1	15	69	15
Spring Wheat	0	0	6	69	25
Barley	0	1	6	56	37
Sugarbeets	0	1	18	72	9

Corn Planted



The following links provide further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week:
<http://climate.umn.edu/doc/weekmap.asp>

National Weather Service's Minnesota Data:
<http://www.nws.noaa.gov/view/states.php?state=MN>

U.S. Drought Monitor:
<http://drought.unl.edu/dm/monitor.html>

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING MAY 9, 2010:
Temperatures averaged from 8.8 degrees below normal in the West Central District to 4.6 degrees below normal in the South Central District. Extremes: 22 degrees in International Falls; 84 degrees in Rochester. Average precipitation ranged from 0.30 inch below normal in the Southwest District to 0.63 inch above normal in the Northwest District. Greatest weekly total of 1.31 inches was recorded in Crookston.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website; <http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 5/3/2010 through 5/9/2010

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since April 23	Depart from Norm
<u>NW DIST 1</u>										
Crookston	63	33	43.2	-9.2	1.31	.86	1.13	.73	87	-16
Itasca	64	27	41.2	-7.2	1.05	.54	1.25	.85	69	-2
Moorhead	63	32	44.4	-9.2	1.20	.72	1.19	.75	84	-27
Warroad	60	30	42.2	-6.3	.84	.41	.38	.38	75	2
<u>NC DIST 2</u>										
Grand Rapids	66	25	43.8	-6.8	1.05	.52	.35	-.24	75	-12
Intl. Falls	61	22	41.7	-7.8	.41	-.04	.23	-.06	64	-15
<u>NE DIST 3</u>										
Duluth	59	24	41.4	-6.9	.62	.05	-1.04	-1.43	45	-22
Grand Marais	54	31	42.2	-2.6	.31	-.15	-.46	-.86	20	-20
Hibbing	64	20	41.8	-7.2	.74	.27	.06	-.09	75	1
<u>WC DIST 4</u>										
Alexandria	68	30	44.5	-8.0	.47	-.08	-.41	-.97	61	-42
Browns Valley	62	27	43.5	-10.9	.51	.03	.69	-.04	69	-52
Canby	71	29	47.4	-7.7	.23	-.34	-.99	-1.77	95	-30
Dalton	63	33	44.2	-9.3	.52	.03	.58	.13	69	-41
Montevideo	72	28	46.8	-7.4	.54	-.08	-.80	-1.55	96	-20
Morris	66	30	44.6	-9.5	.26	-.29	.03	-.63	69	-47
Wheaton	63	32	44.6	-9.0	.36	-.13	.44	-.25	74	-37
<u>CENT DIST 5</u>										
Becker	75	29	48.0	-5.6	.71	.02	-.03	-.83	97	-15
Collegeville	74	31	48.2	-7.3	.39	-.27	-.32	-1.01	96	-33
Hutchinson	80	30	49.4	-5.6	1.10	.51	3.28	2.58	115	-9
Melrose	73	29	45.8	-7.4	.47	-.16	-.07	-.76	81	-27
Olivia	79	29	48.0	-6.2	.67	.07	-.90	-1.57	108	-10
St. Cloud	76	26	45.8	-7.2	.48	-.07	-.21	-.92	92	-13
Staples	70	27	43.5	-8.0	.80	.23	-.40	-1.08	75	-20
Wadena	66	28	43.4	-7.7	.79	.22	-.31	-.85	63	-28
Willmar	74	29	46.7	-7.5	.39	-.19	1.75	1.03	90	-27
<u>EC DIST 6</u>										
Aitkin	69	32	43.6	-6.5	1.26	.66	.65	.03	79	-4
Forest Lake	77	30	47.8	-6.1	.92	.24	-.00	-.45	117	2
Hinckley	69	24	43.3	-7.1	1.09	.42	.15	-.43	78	-7
MSP Airport	79	32	48.4	-7.3	.64	.01	.29	-.08	113	-16
St. Paul - UofM	79	32	48.6	-6.6	.65	-.07	-.40	-.88	104	-23
<u>SW DIST 7</u>										
Lamberton	78	27	48.8	-6.0	.34	-.35	-.28	-.76	113	-11
Marshall	74	31	48.5	-6.4	.53	-.11	-.98	-1.47	114	-10
Pipestone	75	28	45.9	-8.0	.40	-.27	-.30	-.86	98	-17
Redwood Falls	78	30	48.2	-8.2	.46	-.17	-.36	-.98	107	-31
Worthington	74	29	47.7	-5.4	.28	-.39	-.32	-.50	100	-6
<u>SC DIST 8</u>										
Faribault	82	29	49.8	-3.6	.87	.09	-1.13	-1.70	136	26
Mankato	81	29	49.4	-5.4	.54	-.15	-.92	-1.67	122	-1
Waseca	83	29	48.4	-6.0	.75	-.10	-.90	-1.70	123	4
Winnebago	83	31	51.7	-3.3	.69	-.13	-.76	-1.50	138	12
<u>SE DIST 9</u>										
Preston	83	27	50.4	-2.7	.80	-.04	-.27	-.27	134	29
Red Wing	82	33	49.8	-5.0	.84	.10	-.69	-.89	125	3
Rochester	84	32	48.7	-4.6	.79	.02	-1.25	-1.72	115	7
Rosemount	82	33	48.8	-5.1	.95	.13	-.85	-1.24	116	2
Winona	81	33	49.4	-5.4	1.11	.27	-.45	-1.03	112	-10

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

The MINNESOTA WEEKLY CROP-WEATHER REPORT (USPS-387190) is published weekly in April through November (crop season). Subscription rates are \$15.00 per year for non-reporters and free to survey respondents by the USDA-NASS Minnesota Field Office, P O Box 7068, St. Paul, MN 55107. Periodicals postage paid at St. Paul, Minnesota and other mailing offices. POSTMASTER: Send address changes to the MINNESOTA WEEKLY CROP-WEATHER REPORT, P O Box 7068, St. Paul, MN 55107.

WEEKLY NEWS REPORT
Minnesota Crop-Weather Report
Publication No. 387190
Address Service Requested

USDA, NASS, Minnesota Field Office
PO Box 7068, ST. PAUL MN 55107

PRESORTED
FIRST CLASS MAIL
POSTAGE & FEES PAID
USDA PERMIT NO G-38